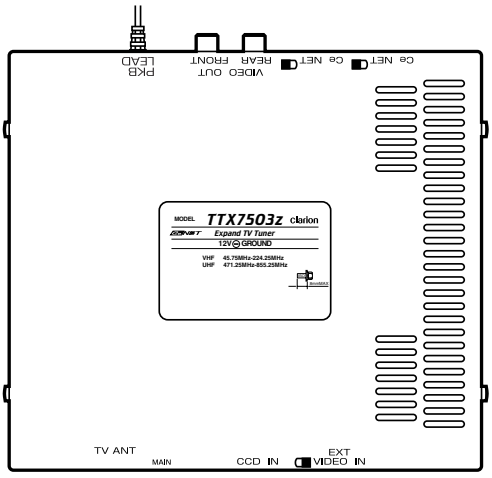
Clarion

Owner's Manual / Installation Manual
Manuel de l'utilisateur / Manuel d'installation
Bedienungs- & Installationsanleitung
Manuale del proprietario e manuale di installazione
Gebruiks- & Installatiehandleiding
Manual del propietario / Manual de Instalación
Bruks- och installationsanvisning
Manual do Proprietário e Manual de Instalação

TTX7503z

CeNET TV TUNER (PAL/SECAM)
TUNER TV CeNET (PAL/SECAM)
CeNET-TV-TUNER (PAL/SECAM)
SINTONIZZATORE TV CeNET (PAL/SECAM)
NET TV-TUNER MET CeNET AANSLUITING (PAL/SECAM)
SINTONIZADOR DE TV CeNET (PAL/SECAM)
CeNET TV-TUNER (PAL/SECAM)
TUNER TV CeNET (PAL/SECAM)



English

Thank you for purchasing this **Clarion** product.

- Please read this Owner's manual & Installation manual in its entirety before proceeding with wire connection and installation.
- After reading this manual, be sure to keep it in a handy place (e.g., glove compartment).

  If you sell the motor vehicle, please leave the manual in it so that the new owner can use it.
- Read the contents of the enclosed warranty card and keep it with this manual.

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Deutsch

Wir danken Ihnen für den Kauf dieses **Clarion**-Produkts.

- Vor Einbau und Anschluß des Geräts unbedingt die Einbau- und Betriebsanleitung vollständig durchlesen.
- Bewahren Sie diese Betriebsanleitung nach dem Durchlesen griffbereit an einem geeigneten Ort (z.B. im Handschuhfach) auf.

  Lassen Sie bitte diese Betriebsanleitung bei einem Verkauf des Fahrzeugs für den Nachbesitzer im Wagen.
- Lesen Sie die beiliegende Garantiekarte genau durch und bewahren Sie sie zusammen mit dem Handbuch auf.

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Français

Nous vous remercions d'avoir acheté ce produit **Clarion**.

- Veuillez lire entièrement le mode d'emploi et le manuel d'installation avant de procéder aux connexions et à l'installation.
- Après avoir lu ce mode d'emploi, prenez soin de le conserver dans un endroit pratique (par ex: la boîte à gants).

  Si vous vendez votre véhicule à moteur, laissez-y le manuel de façon que le nouveau propriétaire puisse l'utiliser.
- Lisez le contenu de la carte de garantie comprise et conservez-la avec ce manuel.

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Italiano

Grazie per avere acquistato questo prodotto **Clarion**.

- Si raccomanda di leggere completamente il presente Manuale d'Istruzioni e Installazione prima di procedere con i collegamenti e l'installazione dell'apparecchio.
- Una volta letto, il presente manuale dev'essere tenuto a portata di mano (per esempio nel cassetto portaoggetti).

  Se vendete la vostra vettura, consegnate anche il manuale affinché il nuovo proprietario lo possa utilizzare.
- Leggere il contenuto della scheda di garanzia allegata, e conservarla sempre insieme al manuale.

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1. PRECAUTIONS

- **This equipment uses DC 12 V only. Do not use this equipment on 24 V vehicles such as large trucks.**
- **When driving, keep the TV tuner volume down to a level where you can hear sounds from outside the vehicle.**
- **If a problem occurs such as entry of a foreign object, water gets into the tuner, or it produces smoke or strange smells, stop using the tuner immediately, and consult your dealer.**

■ **Tuner Handling**

- Disconnecting the cables while the system is operating may cause a system breakdown. Always turn off the power (ACC-OFF) before you disconnect the cables.
- If the power supply to the system is stopped due to battery replacement, etc., the details you have entered into the microcomputer memory may be erased and the settings may return to the default settings. If this occurs, enter your settings again.

■ **Reception**

- If your vehicle is outside the broadcast transmission range, the radio waves will become weak and reception will deteriorate. UHF stations and regional broadcast stations output a comparatively weak radio transmission, so the reception conditions may get worse while driving over a distance of only a few kilometers.
- The screen image may be disturbed and output noise due to train lines, high voltage power lines and traffic signal lights.
- This equipment does not have a display function, so the screen will be black during driving.

INFORMATION FOR USERS:

CHANGES OR MODIFICATIONS TO THIS PRODUCT NOT APPROVED BY THE MANUFACTURER WILL VOID THE WARRANTY.

2. PACKAGE CONTENTS

1. TV tuner unit (TTX7503z)
2. User's Manual / Installation Manual 1
3. CeNET cable (2.5 m) 1
4. RCA video cable (2.5 m) 1
5. Accessories Bag 1
6. PKB connection cable 1

3. SET COUNTRIES LIST

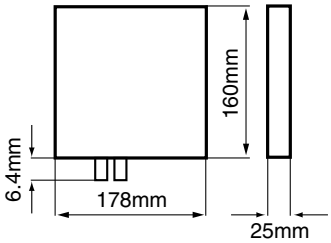
The TV area function can be used to set the following country areas.

No.	Set Countries Display Title
0	ALBANIA
1	AUSTRIA
2	BELGIUM
3	BOSNIA I H
4	CZECH
5	DENMARK
6	FINLAND
7	FRANCE
8	GERMANY
9	GREECE
10	HUNGARY
11	ICELAND
12	IRELAND
13	ITALY
14	MOROCCO
15	NETHERLNDS
16	NORWAY
17	PORTUGAL
18	RUMANIA
19	RUSSIA
20	SLOVAKIA
21	SLOVENIA
22	SPAIN
23	SWEDEN
24	SWITZERLND
25	TURKEY
26	UK

Note:
When the TV receiving country is set to France.
If the TV receiving country has been set to France, the receivable channels range from L5 to L12, 21 to 69

4. SPECIFICATIONS

Reception channels:	VHF CCIR 2 to 12 ch[CCIR “L” L5 to L12 ch (when receiving country has been set to France.)]
	UHF CCIR 21 to 69 ch
Antenna input:	75 Ω unbalanced
voltage:	14.4 V
Grounding:	Negative terminal grounding
Power consumption:	0.8 A or less
External dimensions:	178 mm (Width) × 25 mm (Height) × 160 mm (Depth)
Weight:	0.7 kg



* The specifications and design may be subject to change without prior notice due to improvements.

5. TROUBLESHOOTING

The following symptoms may not be the result of a breakdown, so perform the remedy suggested below before contacting your Dealer for repairs.

Symptom	Cause	Remedy
No power	Wiring is incomplete.	Check the wiring method in the manual again, then connect the wiring properly.
No image		
	Parking brake is not engaged.	Check that the parking brake is engaged completely.
Unclear image from rear seat monitor	Image output for front and rear is connected in reverse.	Check the connection method in the manual again, then connect the wiring properly.
Image is unclear	Poor reception	The transmission may not be reaching you properly because you are in a valley or the shadow of a building. Check again at a location where the transmission can reach you properly.
Double or triple image	Poor reception	The image may be affected by transmission reflected from mountains or buildings. Change your location or the reception direction.
Image is spotty or striped	Electrical interference	Reception may be affected by radio interference from another vehicle, a train, high voltage or neon signs. Check your reception again at another location.

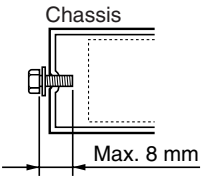
6. INSTALLATION

⚠ CAUTION

- **Disconnect the battery negative cable before connecting the wiring.**
- **If you are making holes in the vehicle body in order to install the unit, first confirm the position of pipes, tanks and electrical wiring to avoid contact and interference.**
- **When installing the wiring for connection cords on a vehicle equipped with airbags, do not install the wiring where it may affect the airbag system.**
- **Do not cover the ventilation holes and heat-radiating parts of the tuner.**

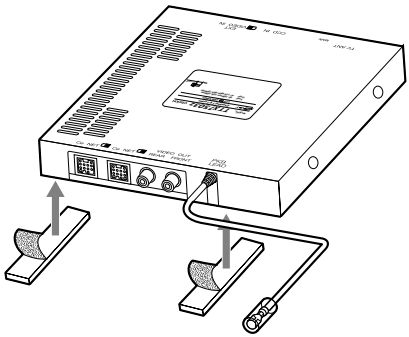
■ Installation Using Screws

1. When using the installation holes at the sides of the unit, use M4 × 8 screws. Using screws other than the specified screws may cause a malfunction.
2. If you are going to drill holes in the dashboard, make sure beforehand that there are no harnesses behind the dashboard at that position or nearby.



■ Installation Using Velcro Tape

1. Apply Velcro tape to the bottom surface of the unit.
2. Attach the unit to the floor carpet beneath the seat.



7. CAUTIONS ON WIRING

Pay particular attention to the following points when laying out the cords.

- Keep the unit's cables as far away as possible from the vehicle's wiring bundles.
- Keep the unit's RCA pin cord and the power cord separated as far as possible.

⚠ CAUTION

- **When you have finished connecting the cords, secure them with clamps and insulating tape for protection.**
- **Make sure that the connection cables will not get caught on burrs and edges of the metal parts under the seat. It could damage the cables and cause noise from the unit.**
- **To assist safe driving, connect the parking brake connection terminal to the lead wire on the lamp side of the parking brake lamp switch.**

8. WIRING CONNECTIONS

Connect the unit as follows.

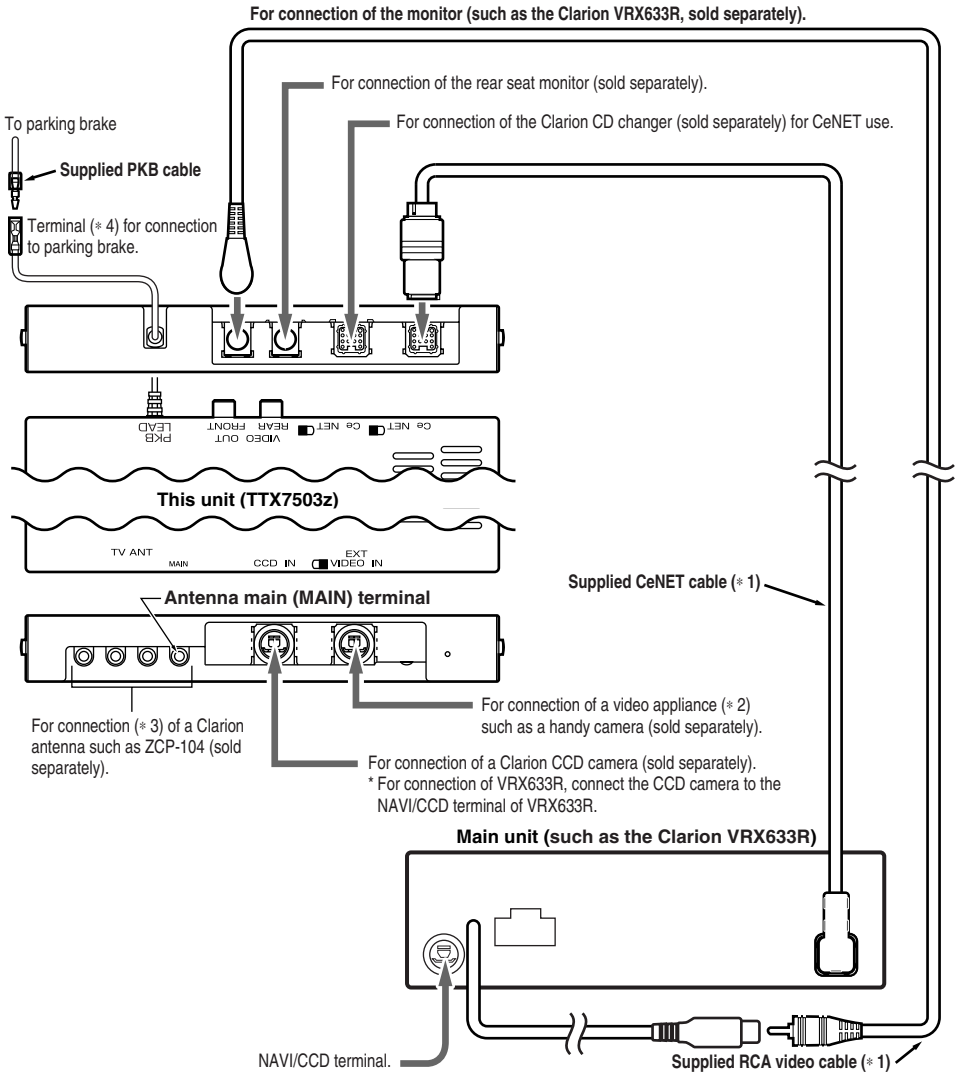
Notes:

*1 Connect the cable to the terminal of equipment (center unit) that is connected by connection cables (CeNET cable) with the L-shaped terminals.

*2 Connection requires a CCA-389 conversion cord (RCA3P → mini DIN8P) which is sold separately.

*3 If you are connecting an antenna other than a 4 system diversity antenna, connect it to the MAIN terminal on the far right.

*4 Connect the terminal to the lead wire on the lamp side of the parking brake lamp switch. After connection, apply the parking brake, then check that the TV displays an image.
• If the PKB cable is not connected to the side brake, some units may not operate.


For connection of the monitor (such as the Clarion VRX633R, sold separately).
For connection of the rear seat monitor (sold separately).
For connection of the Clarion CD changer (sold separately) for CeNET use.
To parking brake
Supplied PKB cable
Terminal (* 4) for connection to parking brake.
PKB LEAD
VIDEO OUT
REAR
FRONT
Ce NET
Ce NET
This unit (TTX7503z)
TV ANT
MAIN
CCD IN
EXT VIDEO IN
Supplied CeNET cable (* 1)
Antenna main (MAIN) terminal
For connection (* 3) of a Clarion antenna such as ZCP-104 (sold separately).
For connection of a video appliance (* 2) such as a handy camera (sold separately).
For connection of a Clarion CCD camera (sold separately).
* For connection of VRX633R, connect the CCD camera to the NAVI/CCD terminal of VRX633R.
Main unit (such as the Clarion VRX633R)
NAVI/CCD terminal.
Supplied RCA video cable (* 1)

Clarion Co., Ltd.

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